

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/01181

A. CLASSIFICATION OF SUBJECT MATTER												
Int. Cl. ⁷ : B65D 39/00, 41/04, 41/28, 51/14												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols)												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI IPC B65D, B67B 1/-, 3/- and keywords: CLOSURE, CAP, STOPPER, BOTTLE, SURFACE TENSION, FLAT, PLANAR, SMOOTH, POLISH, SEALING, DISK, SEAL, LEAKPROOF, CONTACT, ABUT, GLASS, CERAMIC, SCREW, THREAD and similar terms USPTO and keywords: SURFACE TENSION, SEAL, CAP OR CLOSURE, BOTTLE ESP@CE and keywords: SURFACE TENSION, SEAL												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
A	US 6024235 A (SCHWAB) 15 February 2000 Abstract and figures	1-27										
A	US 5165560 A (ENNIS, III et al.) 24 November 1992 Abstract and figures	1-27										
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention											
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search 23 October 2003		Date of mailing of the international search report 30 OCT 2003										
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer <i>A.G.</i> ADRIANO GIACOBETTI Telephone No : (02) 6283 2579										

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/AU03/01181**C (Continuation).****DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5316163 A (VON SCHUCKMANN) 31 May 1994 Abstract and figures	1-27
A	US 4664277 A (CONNOR) 12 May 1987 Abstract and figures	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01181

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	6024235	AU	14821/92	CA	2065925	DE	4112209
		EP	0509281	JP	5124664		
US	5165560	NONE					
US	5316163	DE	4228090	EP	0587983	JP	6080153
US	4664277	AU	25394/84	DK	138084	EP	0120353
		FI	841036	NZ	207437	PT	78251
END OF ANNEX							